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Sampsell**

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**(54) IMAGE DISPLAY AND REMOTE CONTROL SYSTEM CAPABLE OF DISPLAYING TWO DISTINCT IMAGES**

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**(73) Assignee: Sharp Laboratories of America, Inc., Camas, WA (US)**

**(\*) Notice:** This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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**(51) Int. Cl.<sup>7</sup> ..... G08C 19/00**

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**(58) Field of Search ..... 340/825.69, 825.72, 340/825.25; 348/734, 7, 10, 12; 345/1, 2.2, 211, 730; 455/6.2**

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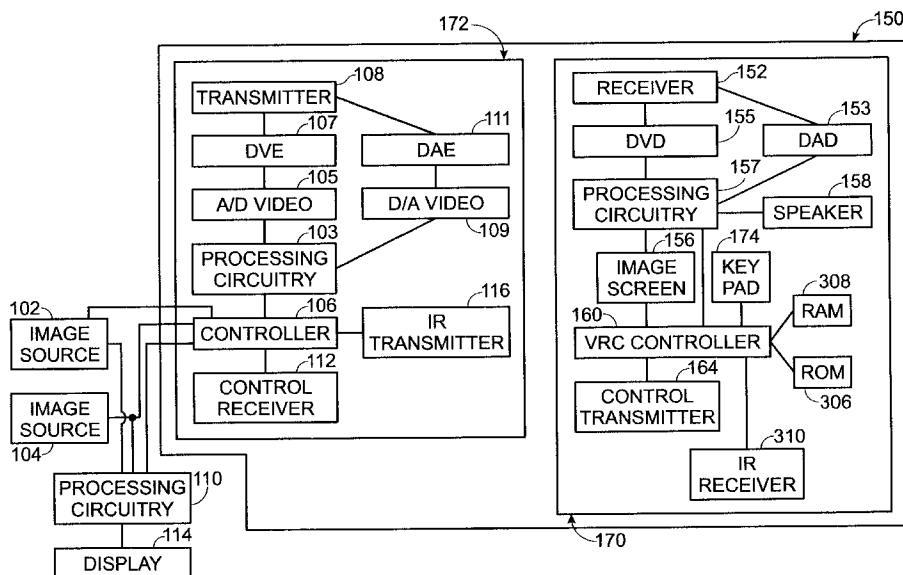
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**(57) ABSTRACT**

An image display system capable of displaying two distinct images at the same time. One image is shown on an image display device such as a television or computer monitor which is coupled to the image display system. The other image is shown on a remote control included in an image display system. A docking station is also part of the image display system. It is connected by standard audio-visual coaxial cable to the TV and associated video devices and sends compressed digital video signal information to the video remote control by RF communication. Both the docking station and the video remote control have RF antennas and receivers capable of sending digital RF signals. Digital command and information signals are exchanged between the docking station and video remote control to allow control from the remote control of the functions of the TV and other video devices. The remote control has a learning mode with on-screen feedback making the image display system backward and forward compatible with a wide array of image display devices. The invention is thought to be particularly useful for networked computer televisions.

**28 Claims, 5 Drawing Sheets**



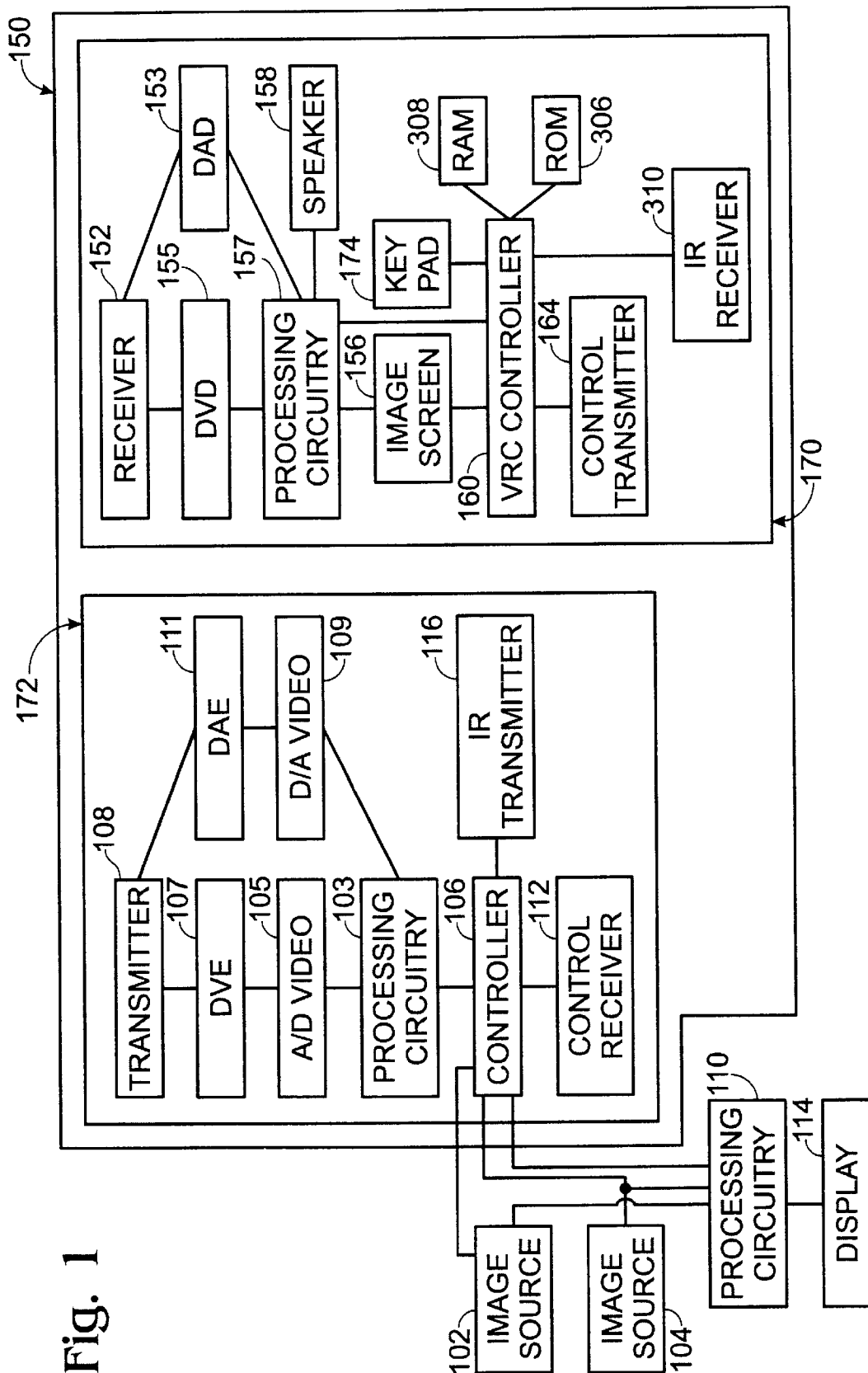


Fig. 1

Fig. 2

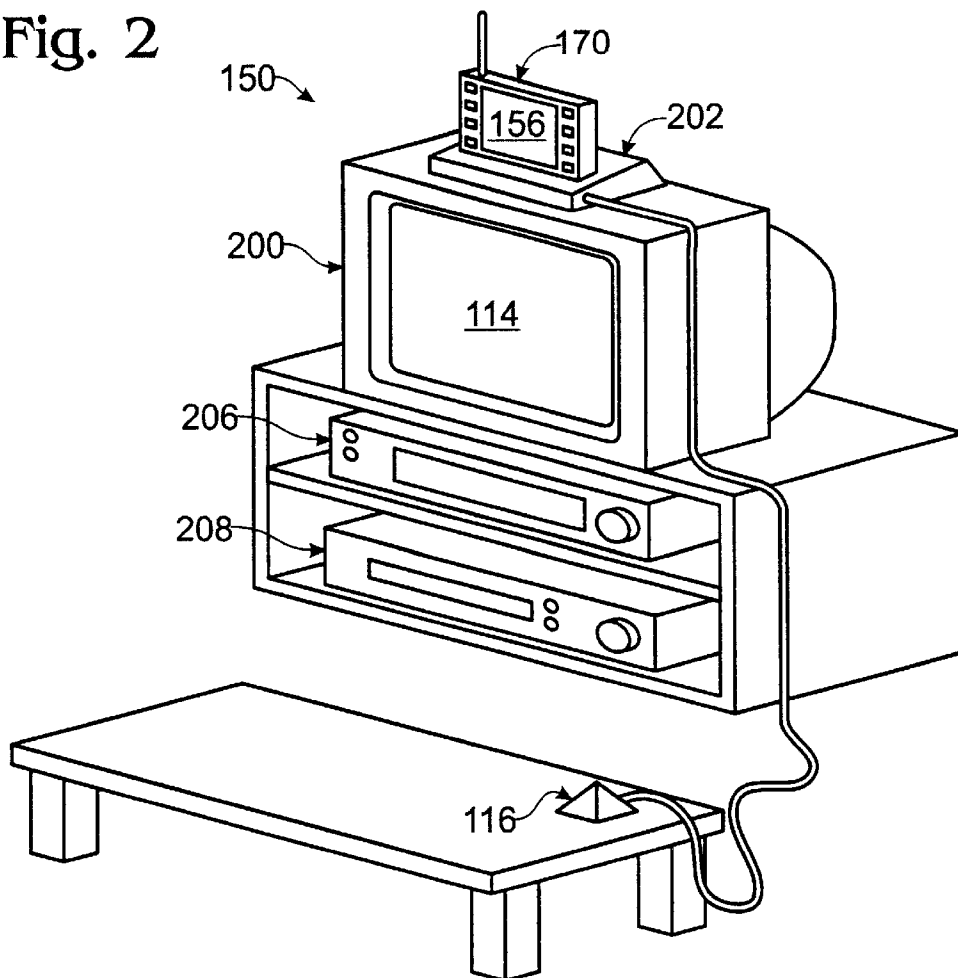


Fig. 3

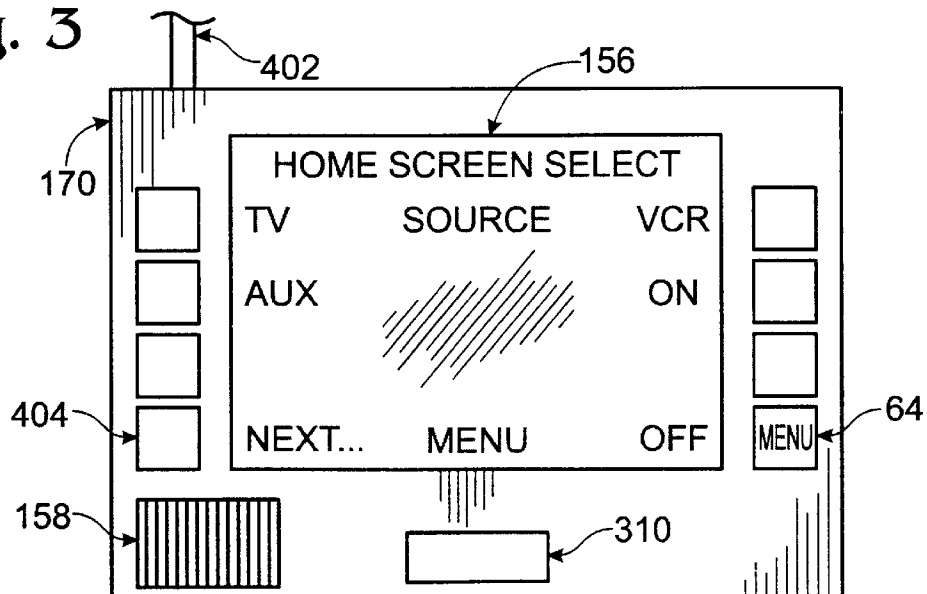


Fig. 4

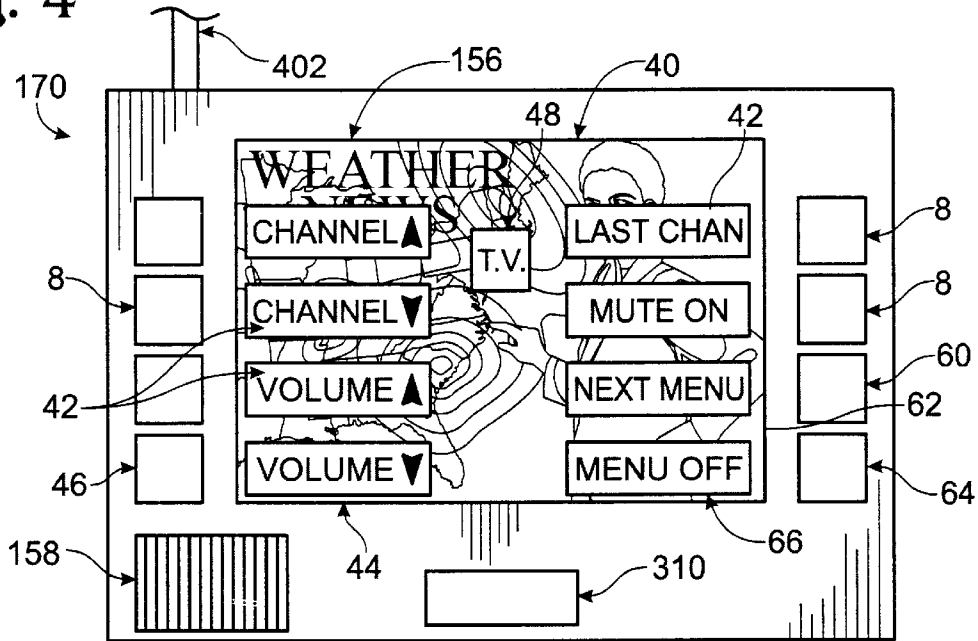


Fig. 5

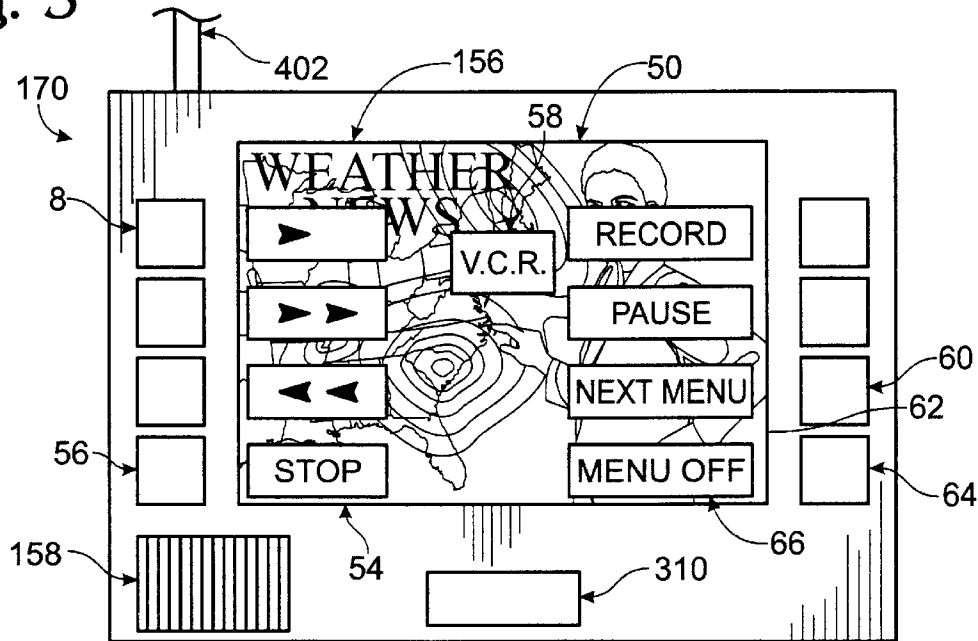


Fig. 6

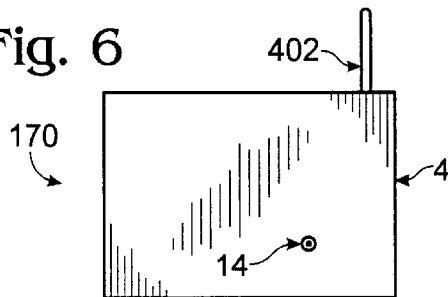


Fig. 7

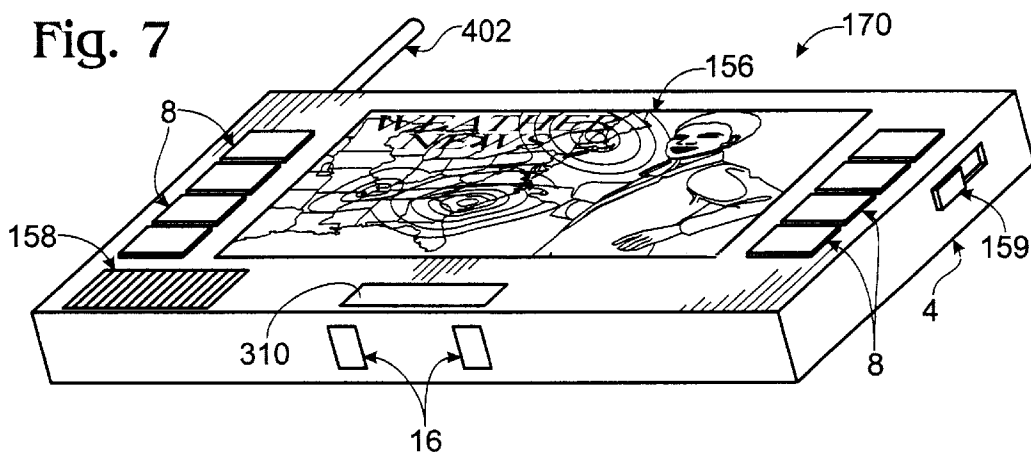
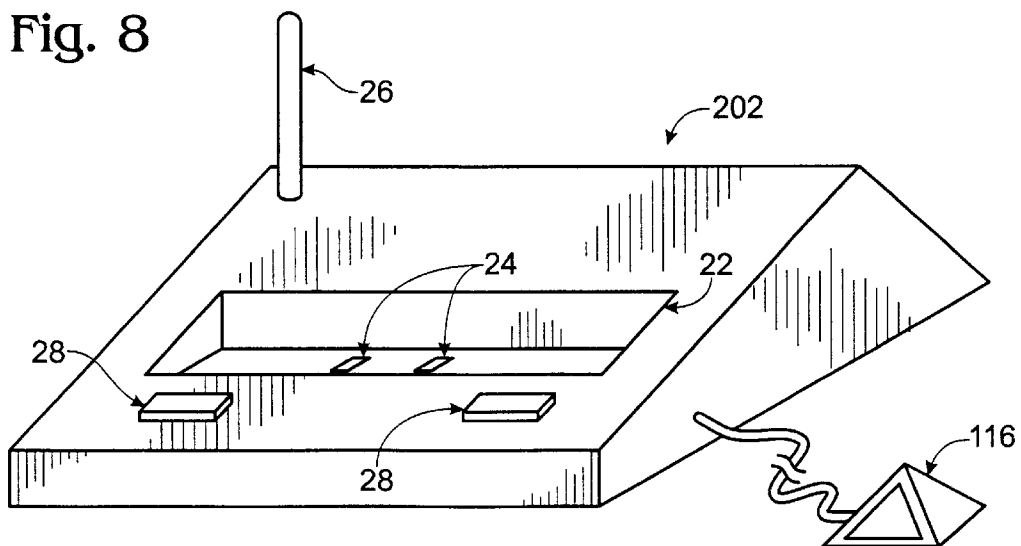


Fig. 8



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